

NEWS 18 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality  
NEWS 19 FEB 26 MEDLINE reloaded with enhancements  
NEWS 20 FEB 26 EMBASE enhanced with Clinical Trial Number field  
NEWS 21 FEB 26 TOXCENTER enhanced with reloaded MEDLINE  
NEWS 22 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements  
NEWS 23 FEB 26 CAS Registry Number crossover limit increased from 10,000  
to 300,000 in multiple databases  
NEWS 24 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format  
NEWS 25 MAR 16 CASREACT coverage extended  
NEWS 26 MAR 20 MARPAT now updated daily

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available

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=> file reg

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FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:07:40 ON 22 MAR 2007

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DICTIONARY FILE UPDATES: 20 MAR 2007 HIGHEST RN 927800-28-0

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=> s KAKAGAGSAT LSMAYAGARF VFSLVDAMNG KEGVVECSFV KSQETECTYF STPLLLGKKG IEKNLGIGKV  
SSFEEKMISD AIPELKASIK KGEDFVKTLK/sqsp

IS NOT A VALID AMINO ACID SYMBOL

=> s

KAKAGAGSATLSMAYAGARFVFSLV DAMNGKEGVVECSFVKSQETECTYFSTPLLLGKKGIEKNLGIGKVSSFECKMISDAIPE  
LKASIKKGEDFVKTLK/sqsp

L1 22 KAKAGAGSATLSMAYAGARFVFSLV DAMNGKEGVVECSFVKSQETECTYFSTPLLLGKKGIEKN  
LGIGKVSSFECKMISDAIPELKASIKKGEDFVKTLK/SQSP

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

30.70

30.91

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FILE COVERS 1907 - 22 Mar 2007 VOL 146 ISS 13

FILE LAST UPDATED: 21 Mar 2007 (20070321/ED)

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<http://www.cas.org/infopolicy.html>

=> s l1

L2 19 L1

=> s l2 not py>2002

5056127 PY>2002

L3 2 L2 NOT PY>2002

=> d his

(FILE 'HOME' ENTERED AT 11:07:29 ON 22 MAR 2007)

FILE 'REGISTRY' ENTERED AT 11:07:40 ON 22 MAR 2007

L1 22 S KAKAGAGSATLSMAYAGARFVFSLV DAMNGKEGVVECSFVKSQETECTYFSTPLLLGKKGI

FILE 'CAPLUS' ENTERED AT 11:09:11 ON 22 MAR 2007

L2 19 S L1

L3 2 S L2 NOT PY>2002

=> d ibib abs

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:18945 CAPLUS

DOCUMENT NUMBER: 138:67676

TITLE: Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences

AUTHOR(S): Strausberg, Robert L.; Feingold, Elise A.; Grouse, Lynette H.; Derge, Jeffery G.; Klausner, Richard D.; Collins, Francis S.; Wagner, Lukas; Shenmen, Carolyn

M.; Schuler, Gregory D.; Altschul, Stephen F.; Zeeberg, Barry; Buetow, Kenneth H.; Schaefer, Carl F.; Bhat, Narayan K.; Hopkins, Ralph F.; Jordan, Heather; Moore, Troy; Max, Steve I.; Wang, Jun; Hsieh, Florence; Diatchenko, Luda; Marusina, Kate; Farmer, Andrew A.; Rubin, Gerald M.; Hong, Ling; Stapleton, Mark; Soares, M. Bento; Bonaldo, Maria F.; Casavant, Tom L.; Scheetz, Todd E.; Brownstein, Michael J.; Usdin, Ted B.; Toshiyuki, Shiraki; Carninci, Piero; Prange, Christa; Raha, Sam S.; Loquellano, Naomi A.; Peters, Garrick J.; Abramson, Rick D.; Mullahy, Sara J.; Bosak, Stephanie A.; McEwan, Paul J.; McKernan, Kevin J.; Malek, Joel A.; Gunaratne, Preethi H.; Richards, Stephen; Worley, Kim C.; Hale, Sarah; Garcia, Angela M.; Gay, Laura J.; Hulyk, Stephen W.; Villalon, Debbie K.; Muzny, Donna M.; Sodergren, Erica J.; Lu, Xiuhua; Gibbs, Richard A.; Fahey, Jessica; Helton, Erin; Kettelman, Mark; Madan, Anuradha; Rodrigues, Stephanie; Sanchez, Amy; Whiting, Michelle; Madan, Anup; Young, Alice C.; Shevchenko, Yuriy; Bouffard, Gerard G.; Blakesley, Robert W.; Touchman, Jeffrey W.; Green, Eric D.; Dickson, Mark C.; Rodriguez, Alex C.; Grimwood, Jane; Schmutz, Jeremy; Myers, Richard M.; Butterfield, Yaron S. N.; Krzywinski, Martin I.; Skalska, Ursula; Smailus, Duane E.; Schnerch, Angelique; Schein, Jacqueline E.; Jones, Steven J. M.; Marra, Marco A.

CORPORATE SOURCE:

National Cancer Institute, NIH, Bethesda, MD, 20892-2580, USA

SOURCE:

Proceedings of the National Academy of Sciences of the United States of America (2002), 99(26), 16899-16903  
CODEN: PNASA6; ISSN: 0027-8424

PUBLISHER:

National Academy of Sciences

DOCUMENT TYPE:

Journal

LANGUAGE:

English

AB The National Institutes of Health Mammalian Gene Collection (MGC) Program is a multiinstitutional effort to identify and sequence a cDNA clone containing a complete ORF for each human and mouse gene. ESTs were generated from libraries enriched for full-length cDNAs and analyzed to identify candidate full-ORF clones, which then were sequenced to high accuracy. The MGC has currently sequenced and verified the full ORF for a nonredundant set of >9000 human and >6000 mouse genes. Candidate full-ORF clones for an addnl. 7800 human and 3500 mouse genes also have been identified. All MGC sequences and clones are available without restriction through public databases and clone distribution networks. [This abstract record is one of eleven records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

REFERENCE COUNT:

18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib abs 2

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:592185 CAPLUS

DOCUMENT NUMBER: 135:177271

TITLE: Cloning, sequencing and therapeutic use of human mitochondrial malate dehydrogenase

INVENTOR(S): Bandman, Olga; Corley, Neil C.; Shah, Purvi

PATENT ASSIGNEE(S): Incyte Genomics, Inc., USA

SOURCE: U.S., 34 pp.

CODEN: USXXAM

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6274138	B1	20010814	US 1997-922957	19970903
US 2002086006	A1	20020704	US 2001-915694	20010725
PRIORITY APPLN. INFO.:			US 1997-922957	A3 19970903

AB This invention relates to nucleic acid and amino acid sequences of a human mitochondrial malate dehydrogenase (MT-MDH). Nucleic acids encoding the MT-MDH of the present invention were first identified in Incyte Clone 11587 from the human peripheral promonocyte cell line cDNA library (THP1PLB01) using a computer search for amino acid sequence alignments. MT-MDH is 294 amino acids in length and has chemical and structural homol. with murine mitochondrial malate dehydrogenase and porcine mitochondrial malate dehydrogenase. Northern anal. shows the expression of this sequence in various libraries. The invention also provides expression vectors, host cells, agonists, antibodies and antagonists. The invention also provides methods for treating disorders associated with expression of MT-MDH.

REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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